

## Earthquakes



### Impacts:

- \* fallen bridges,
- \* falling brick walls,
- \* disrupted transportation, bus services,
- \* unlivable buildings and homes

## Windstorms



### Impacts:

- \* fallen trees,
- \* power outages,
- \* food loss,
- \* blocked roads

Courtesy of Seattle Parks & Recreation

## Floods



### Impacts:

- \* water inside homes,
- \* blocked storm drains,
- \* flooded streets,
- \* sinkholes in roads

Courtesy Seattle Parks & Recreation

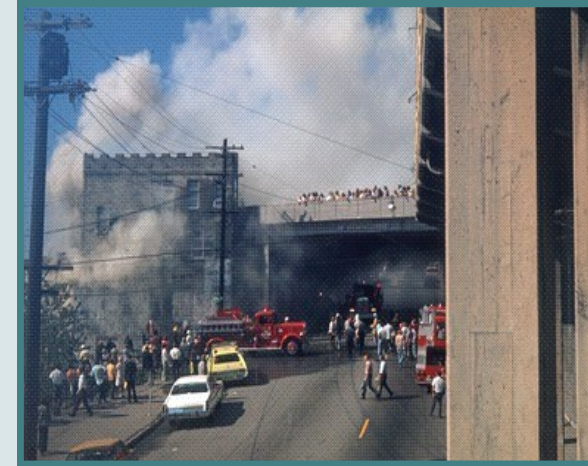
## Seattle Hazards, Impacts and Potential Mitigation to Reduce Impacts

### What are hazard mitigation projects?

Projects to help protect Seattle's residents, homes, businesses, communities, and visitors from the effects of hazards:

- \* Construct safer buildings through stricter building codes
- \* Limiting development in hazard prone areas through land use planning and zoning
- \* Strengthen structure and facilities to minimize damages from high winds, earthquakes and flooding
- \* Bury vulnerable power lines
- \* Cut back vegetation
- \* Elevation / relocation of homes to reduce risk of flood damage
- \* Protection of special needs population through wiring and connection to generators
- \* Storm and infrastructure protective measures
- \* Storm water management improvements
- \* Stabilizing slopes to prevent landslides

## Fires



### Impacts:

- \* loss of home, business, contents

Courtesy Seattle Municipal Archives: Item 152772

## Landslides

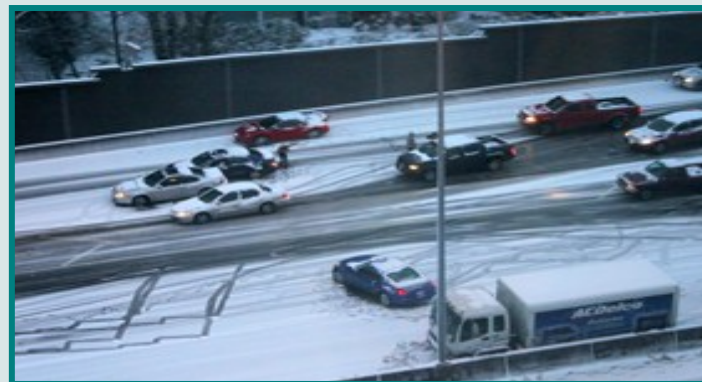


### Impacts:

- \* damaged homes,
- \* homes in danger,
- \* streets blocked or lost

Courtesy Seattle Municipal Archives: Item 120968

## Snow and Ice Storms



Courtesy of Oran Virivincy

### Impacts:

icy roads, power outages, downed power, cable, telephone lines

## Roads, Bridges, Water, Sewer, Power, Communication Systems, Internet Failures



Courtesy: Seattle Municipal Archives: Item 35331

### Impacts:

- \* loss of communication,
- \* power out,
- \* lights do not turn on,
- \* longer driving routes to work, shopping, schools





**Jefferson Community Center** - The now complete seismic retrofit was a mitigation action identified by the 2009 Seattle Hazard Mitigation Plan. Photograph by Laurel Mercury

### What is the planning process?

A Mitigation Work Group, including Seattle departments and other emergency managers, will guide the plan update. Elements of the planning process include:

- \* Identifying hazards and assessing risks
- \* Choosing mitigation strategies, goals, actions, and projects
- \* Including community input
- \* Obtaining State and Federal approval

### Need More Information?

- \* Visit the Seattle Office of Emergency Management website: [www.seattle.gov/emergency/](http://www.seattle.gov/emergency/)
- \* Contact Donna Voss, Project Manager, at (206) 233-5089 or by email at [HazardMitigationPlanUpdate@seattle.gov](mailto:HazardMitigationPlanUpdate@seattle.gov)
- \* See the Federal Emergency Management Agency's (FEMA) mitigation planning overview at [www.fema.gov/hazard-mitigation-planning-overview](http://www.fema.gov/hazard-mitigation-planning-overview)



## How can we make Seattle safer, smarter, and more survivable?

### We need your help!

Seattle's Office of Emergency Management (OEM) is updating the City's Hazard Mitigation Plan and needs your help.

What hazards concern you the most? What activities and projects should Seattle prioritize?

Help us update the plan with your comments. **Please share your thoughts by April 23, 2014.**

### Why should we try to minimize hazards?

Natural and manmade disasters can cause injury, death, and property damage, and impact individuals, families, and the economy. Recovery can take public funding and attention away from other priorities.

### What is the Seattle Hazard Mitigation Plan?

The Seattle Hazard Mitigation Plan identifies the risks we face from natural & man-made disasters (i.e. earthquakes, winter storms, landslides, terrorist activities) and develops a plan to reduce risk and minimize damage.

### Why develop a Hazard Mitigation Plan?

To identify the best ways to use limited City resources to lessen the effects on the community from specific hazards.

### Tell us what you think!

#### Complete an on-line survey:

[www.surveymonkey.com/s/SeaHazMitSurvey](http://www.surveymonkey.com/s/SeaHazMitSurvey)

#### Send comments by mail:

Mitigation Plan Update, Project Manager  
Seattle Office of Emergency Management  
105 5th Ave. South, Suite 300  
Seattle, WA 98104

#### Attend a public meeting:

April 8, 2014, 6 to 8:30 p.m.  
Rainier Community Center  
4600 38th Ave S, Seattle, WA 98118  
Transit Routes: 7, 9, 50, 987

*Presentation at 7 p.m.,  
**FREE** family-friendly activities,  
refreshments and resources*

Interpretation and accommodations  
available upon request, please contact  
Donna Voss at **(206) 233-5089** or  
by email at  
[HazardMitigationPlanUpdate@seattle.gov](mailto:HazardMitigationPlanUpdate@seattle.gov)

***Your answers will help City decision makers identify the best methods to reduce the risks from hazards on our community.***